

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Previously Presented) A communications module for facilitating wireless electronic communications with an electronic device, the module comprising:
  - a processor;
  - a wireless module in electronic communication with the processor for wireless communications with the electronic device;
  - a paging module in electronic communication with the processor for communicating with a computer through a paging network;
  - a modem in electronic communication with the processor for communicating with the computer through a communications network;
  - memory in electronic communication with the processor for storing data, the memory being programmed to periodically contact the computer wherein the computer is remotely located from the communications module;
  - a customer identification stored in memory to identify a customer associated with the communications module;
  - an outbound message queue for storing outbound messages being sent from the electronic device to the computer; and
  - an inbound message queue for storing inbound messages being sent to the electronic device from the computer.
2. (Original) The communications module as defined in claim 1 wherein the memory is programmed with instructions to cause the processor to communicate with the electronic device using the wireless module.

3. (Original) The communications module as defined in claim 1 wherein the memory is programmed with instructions to cause the processor to communicate with the computer using the paging module.
4. (Original) The communications module as defined in claim 1 wherein the memory is programmed with instructions to cause the processor to communicate with the computer through the communications network using the modem.
5. (Original) The communications module as defined in claim 1 wherein the paging module is a one-way paging module for receiving pages.
6. (Original) The communications module as defined in claim 1 wherein the processor is a microcontroller.
7. (Cancelled)
8. (Original) The communications module as defined in claim 1 programmed to periodically contact the computer using the modem.
9. (Cancelled)
10. (Previously Presented) The communications module as defined in claim 8 further programmed to send the outbound messages to the computer when the computer is periodically contacted.
11. (Original) The communications module as defined in claim 1 programmed to be periodically contacted by the electronic device.

12. (Original) The communications module as defined in claim 1 programmed to be periodically contacted by the electronic device through the wireless module.
13. (Cancelled)
14. (Cancelled)
15. (Previously Presented) The communications module as defined in claim 1 further programmed to send the outbound messages to the computer when the computer is periodically contacted.
16. (Cancelled)
17. (Previously Presented) The communications module as defined in claim 8 further programmed to receive the inbound messages from the computer when the computer is periodically contacted.
18. (Cancelled)
19. (Previously Presented) The communications module as defined in claim 1 further programmed to be periodically contacted by the electronic device.
20. (Previously Presented) The communications module as defined in claim 1 programmed to be periodically contacted by the electronic device through the wireless module.
21. (Original) The communications module as defined in claim 19 further programmed to send the inbound messages to the electronic device when the electronic device periodically contacts the communications module.

22. (Original) The communications module as defined in claim 18 wherein each inbound message includes a device ID.
23. (Original) The communications module as defined in claim 22 further programmed to identify the electronic device when the electronic device periodically contacts the communications module and further programmed to search the inbound message queue for appropriate inbound messages for the electronic device and to transmit the appropriate inbound messages to the electronic device.
24. (Original) The communications module as defined in claim 1 programmed to contact the computer using the modem in response to a request communication from the computer received through the paging module.

25. (Previously Presented) A communications module for facilitating electronic communications between a computer and a remote electronic device, wherein the computer is programmed to send pages to the communications module through a paging network and wherein the communications module is programmed to contact the computer through a communications network, the module comprising:

- a processor;
- a wireless module in electronic communication with the processor for wireless communications with the electronic device;
- a paging module in electronic communication with the processor for receiving pager communications from the computer through the paging network;
- a modem in electronic communication with the processor for communicating with the computer through the communications network, wherein the computer is remotely located from the communications module;
- memory in electronic communication with the processor for storing data;
- a customer identification stored in memory to identify a customer associated with the communications module;
- an outbound message queue for storing outbound messages being sent from the electronic device to the computer; and
- an inbound message queue for storing inbound messages being sent to the electronic device from the computer.

26. (Original) The communications module as defined in claim 25 wherein the communications module is programmed with wireless instructions to cause the processor to communicate with the electronic device using the wireless module.

27. (Original) The communications module as defined in claim 26 wherein the communications module is further programmed with pager instructions to cause the processor to receive the pager communications from the computer using the paging module.
28. (Original) The communications module as defined in claim 27 wherein the communications module is further programmed with modem instructions to cause the processor to communicate with the computer through the communications network using the modem.
29. (Original) The communications module as defined in claim 28 wherein the paging module is a one-way paging module for receiving pages.
30. (Original) The communications module as defined in claim 29 wherein the processor is a microcontroller.
31. (Original) The communications module as defined in claim 30 programmed to periodically contact the computer using the modem.
32. (Cancelled)
33. (Previously Presented) The communications module as defined in claim 31 further programmed to receive the inbound messages from the computer when the computer is periodically contacted.
34. (Cancelled)
35. (Previously Presented) The communications module as defined in claim 25 programmed to be periodically contacted by the electronic device through the wireless module.

36. (Original) The communications module as defined in claim 35 further programmed to send the inbound messages to the electronic device when the electronic device periodically contacts the communications module.

37. (Original) The communications module as defined in claim 36 wherein each inbound message includes a device ID.

38. (Original) The communications module as defined in claim 37 further programmed to identify the electronic device when the electronic device periodically contacts the communications module and further programmed to search the inbound message queue for appropriate inbound messages for the electronic device and to transmit the appropriate inbound messages to the electronic device.

39. (Cancelled)

40. (Cancelled)

41. (Previously Presented) The communications module as defined in claim 25 further programmed to send the outbound messages to the computer when the computer is periodically contacted.

42. (Original) The communications module as defined in claim 28 programmed to contact the computer using the modem in response to a request communication from the computer received through the paging module.

43. (Previously Presented) A communications module for facilitating electronic communications between a computer and a plurality of remote electronic devices, wherein the computer is programmed to send pages to the communications module through a paging network and wherein the communications module is programmed to contact the computer through a communications network, the module comprising:

- a processor;
- a wireless module in electronic communication with the processor for wireless communications with the plurality of electronic devices;
- a paging module in electronic communication with the processor for receiving pager communications from the computer through the paging network;
- a modem in electronic communication with the processor for communicating with the computer through the communications network, wherein the computer is remotely located from the communications module;
- memory in electronic communication with the processor for storing data;
- a customer identification stored in memory to identify a customer associated with the communications module;
- an outbound message queue for storing outbound messages being sent from the plurality of electronic devices to the computer; and
- an inbound message queue for storing inbound messages being sent to the plurality of electronic devices from the computer.

44. (Original) The communications module as defined in claim 43 wherein the communications module is programmed with wireless instructions to cause the processor to communicate with the plurality of electronic devices using the wireless module.

45. (Original) The communications module as defined in claim 44 wherein the communications module is further programmed with pager instructions to cause the processor to receive the pager communications from the computer using the paging module.

46. (Original) The communications module as defined in claim 45 wherein the communications module is further programmed with modem instructions to cause the processor to communicate with the computer through the communications network using the modem.

47. (Original) The communications module as defined in claim 46 wherein the paging module is a one-way paging module for receiving pages.

48. (Original) The communications module as defined in claim 47 wherein the processor is a microcontroller.

49. (Original) The communications module as defined in claim 48 programmed to periodically contact the computer using the modem.

50. (Cancelled)

51. (Previously Presented) The communications module as defined in claim 49 further programmed to receive the inbound messages from the computer when the computer is periodically contacted.

52. (Cancelled)

53. (Previously Presented) The communications module as defined in claim 43 programmed to be periodically contacted by the plurality of electronic devices through the wireless module.

54. (Original) The communications module as defined in claim 53 wherein each inbound message includes a device ID.

55. (Original) The communications module as defined in claim 54 further programmed to identify an electronic device when the electronic device periodically contacts the communications module and further programmed to search the inbound message queue for appropriate inbound messages using the device ID for the electronic device and to transmit the appropriate inbound messages to the electronic device.

56. (Cancelled)

57. (Cancelled)

58. (Previously Presented) The communications module as defined in claim 43 further programmed to send the outbound messages to the computer when the computer is periodically contacted.

59. (Previously Presented) A method for facilitating electronic communications between a computer and a remote electronic device, the method comprising:

    sending an inbound message, by the computer, to a communications module, wherein the communications module comprises:

    a processor;

    a wireless module in electronic communication with the processor for wireless communications with the electronic device;

    a paging module in electronic communication with the processor for receiving pager communications from the computer through a paging network, wherein the computer is remotely located from the communications module;

    a modem in electronic communication with the processor for communicating with the computer through a communications network;

    memory in electronic communication with the processor for storing data; and a customer identification stored in memory to identify a customer associated with the communications module;

    storing the inbound message in an inbound message queue;

    sending the inbound message to the electronic device;

    receiving an outbound message from the electronic device;

    storing the outbound message in an outbound message queue; and

    sending the outbound message to the computer from the communications module.

60. (Original) The method as defined in claim 59 further comprising communicating with the electronic device when the electronic device periodically contacts the communications module.

61. (Original) The method as defined in claim 59 wherein sending the inbound message to the electronic device is accomplished through use of the wireless module.

62. (Original) The method as defined in claim 59 wherein sending the outbound message to the computer from the communications module is accomplished through use of the modem.

63. (Original) The method as defined in claim 59 wherein the communications module is programmed to periodically contact the computer using the modem.

64. (Original) The method as defined in claim 63 wherein the communications module is further programmed to receive the inbound message from the computer when the computer is periodically contacted.

65. (Original) The method as defined in claim 64 wherein the communications module is further programmed to send the outbound message to the computer when the computer is periodically contacted.

66. (Original) The method as defined in claim 59 wherein the communications module is programmed to be periodically contacted by the electronic device through the wireless module.

67. (Original) The method as defined in claim 66 wherein the communications module is further programmed to send the inbound messages to the electronic device when the electronic device periodically contacts the communications module.

68. (Original) The method as defined in claim 59 further comprising identifying the electronic device when the electronic device periodically contacts the communications module.

Appl. No. 09/922,813

Amdt. dated December 20, 2007

Reply to Office Action of September 20, 2007

69. (Original) The method as defined in claim 68 further comprising searching the inbound message queue for appropriate inbound messages for the electronic device and transmitting the appropriate inbound messages to the electronic device.

70. (Previously Presented) A communications module for facilitating wireless electronic communications with an electronic device, the module comprising:

- a processor;
- a wireless module in electronic communication with the processor for wireless communications with the electronic device;
- a first modem in electronic communication with the processor for communicating with a computer through a communications network, wherein the computer is remotely located from the communications module;
- a second modem in electronic communication with the processor for communicating with the computer through the communications network;
- a paging module in electronic communication with the processor for receiving pager communications from the computer through a paging network;
- memory in electronic communication with the processor for storing data;
- a customer identification stored in memory to identify a customer associated with the communications module;
- an outbound message queue for storing outbound messages being sent from the electronic device to the computer; and
- an inbound message queue for storing inbound messages being sent to the electronic device from the computer.

71. (Previously Presented) A system for facilitating electronic communications between a computer and a plurality of remote electronic devices, wherein the computer is programmed to send pages to a communications module through a paging network and wherein the communications module is programmed to contact the computer through a communications network, wherein the computer is remotely located from the communications module, the system comprising:

a computer, wherein the computer comprises:

- a processor;
- a paging module in electronic communication with the processor for sending pager communications to the communications module through a paging network;

- a modem in electronic communication with the processor for communicating with the communications module through a communications network;

- a message handler for reading and writing data to and from paging software in order to send and receive messages through the paging network; and
- memory in electronic communication with the processor for storing data, the memory being programmed to periodically contact the communications module;

a communications module, wherein the module comprises:

- a processor;
- a wireless module in electronic communication with the processor for wireless communications with the plurality of electronic devices;

- a paging module in electronic communication with the processor for receiving pager communications from the computer through the paging network, wherein the computer is remotely located from the communications module;

a modem in electronic communication with the processor for communicating with the computer through the communications network; memory in electronic communication with the processor for storing data; an outbound message queue for storing outbound messages being sent from the plurality of remote electronic devices to the computer; and an inbound message queue for storing inbound messages being sent to the plurality of remote electronic devices from the computer.